




FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER FGT 223		APPLICATION NUMBER			
		APPLICANT(S)					
		FILING DATE		GROUP ART UNIT			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
JP	4,779,528	10-25-88	Bruke				
	4,926,823	5-22-90	Kishi et al				
	4,965,741	10-16-90	Cook et al				
	5,236,332	8-17-93	Satou et al				
	5,280,770	1-25-94	Satou et al				
	5,422,811	6-6-95	Togai				
	5,515,828	5-14-96	Cook et al				
	5,548,514	8-20-96	Hasegawa et al				
	5,600,056	2-4-97	Hasegawa et al				
	5,647,312	7-15-97	Salber et al				
	5,669,341	9-23-97	Ushirono et al				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
JP	S55-49549	4-10-80	JP				
	S55-29002	3-1-80	JP				
	1 054 148	5-18-00	EP				
OTHER DOCUMENTS							
JP	RONALD J. PIERIK et al, "Design and Development of a Mechanical Variable Valve Actuation System", SAE Technical Paper No. 2001-01-1221, March 6-9, 2000, pp. 1-8						
	MARTIN PISCHINGER et al, "Benefits of the Electromechanical Valve Train in Vehicle Operation", SAE Technical Paper No. 2000-01-1223, March 6-9, 2000, pp. 1-11						
	M.J. VAN NIEUWSTADT et al, "Air Change Estimation in Camless Engines", SAE Technical Paper No. 2001-01-0581, March 5-8, 2001, pp. 1-8						
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FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER		APPLICATION NUMBER			
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		FILING DATE		GROUP ART UNIT			
U.S. PATENT DOCUMENTS							
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70	5,678,402	10-21-97	Kitagawa et al				
	5,743,221	4-28-98	Schmitz				
	5,746,183	5-5-98	Parke et al				
	5,765,514	6-16-98	Sono et al				
	5,950,603	9-14-99	Cook et al				
	6,000,376	12-14-99	Hess et al				
	6,023,929	2-15-00	Ma				
	6,039,026	5-21-00	Shiraishi et al				
	6,098,585	8-8-00	Brehob et al				
	6,116,210	9-12-00	Oder et al				
	6,138,636	10-31-00	Kohno et al				
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
OTHER DOCUMENTS							
709	LUCIEN KOOPMANS et al, "A four Stroke Camless Engine, Operated in Homogeneous Charge Compression Ignition Mode with Commercial Gasoline", SAE Technical Paper No. 2001-01-3610, September 24-27, 2001, pp. 1-14						
	WOLFGANG SALBER et al, "Synergies of Variable Valve Actuation and Direct Injection", SAE Technical Paper No. 2002-01-0706, March 4-7, 2002, pp. 1-9						
	"Operation of the Electronic Valve Actuation, Ford EVA Project Closed Loop Engine, System Control", Manual - Preliminary Version III, March 21, 2003, and in particular pp. 6, 72, 80-84, 89-95, 104-119, and 134-218						
EXAMINER			DATE CONSIDERED				
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U.S. PATENT DOCUMENTS							
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	6,219,611	4-17-01	Russell	—	—		
	6,247,445	6-19-01	Langer				
	6,276,316	8-21-01	Arai et al				
	6,332,446	12-25-01	Matsumoto et al				
	6,336,355	1-8-02	Sasaki et al				
	6,341,584	1-29-02	Itoyama et al				
	6,349,541	2-26-02	Gruden et al				
	6,374,813	4-23-02	Iida et al				
	6,386,156	5-14-02	Stockhausen et al				
	6,390,063	5-21-02	Obata et al				
	6,408,806	6-25-02	Sugiyama et al				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
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EXAMINER				DATE CONSIDERED			
 ROGER PANG PRIMARY EXAMINER				11-22-05			

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		FILING DATE	GROUP ART UNIT				
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	2002/0096139	7-25-02	Zheng	1	1		
	6,425,369	7-30-02	Arai et al				
	6,431,129	8-13-02	Hammoud et al				
	6,431,130	8-13-02	Leone et al				
	6,443,108	9-3-02	Brehob et al				
	6,453,662	9-24-02	Lewis et al				
	6,453,665	9-24-02	Bower Jr. et al				
	6,457,465	10-1-02	Lee				
	6,474,303	11-5-02	Leone et al				
	6,311,667	11-6-02	Satou et al				
	6,481,201	11-19-02	Kako et al				
	FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DA6336355TE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
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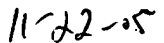
FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER	APPLICATION NUMBER			
		APPLICANT(S)				
		FILING DATE	GROUP ART UNIT			
U.S. PATENT DOCUMENTS						
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	6,484,677	11-26-02	Leone et al	—	—	
	6,470,853	11-29-02	Leone et al			
	6,497,093	12-24-02	Lewis et al			
	6,502,389	1-7-03	Katayama et al			
	2003/0015026	1-23-03	Chung			
	6,513,493	2-4-03	Robichaux et al			
	6,532,944	3-18-03	Leone et al			
	6,550,434	4-22-03	Leone et al			
	6,557,505	5-6-03	Hori			
	6,568,177	5-27-03	Sumilla			
	6,591,605	7-15-03	Lewis			
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OTHER DOCUMENTS						
EXAMINER ROGER PANG PRIMARY EXAMINER			DATE CONSIDERED 11-22-05			

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER	APPLICATION NUMBER	
		APPLICANT(S)		
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U.S. PATENT DOCUMENTS						
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PH	6,619,262	9-16-03	Graf et al	—	—	
	6,629,409	10-7-03	Lewis et al			
	6,640,756	11-4-03	Ogiso			

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DA6336355TE	COUNTRY	CLASS	SUB CLASS	TRANSLATION		
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OTHER DOCUMENTS	

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SHEET 1 OF 1

FORM PTO-1449		DOCKET NUMBER 81100255		APPLICATION NUMBER 10/805,635			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT(S) Donald J. Lewis					
		FILING DATE March 19, 2004		GROUP ART UNIT			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
	6,192,857	2-27-01	Shimada				
	6,202,608	3-20-01	Yamaki et al				
	6,374,783	4-23-02	Toriumi				
	6,389,806	5-21-02	Glugla et al				
	6,415,601	7-9-02	Glugla et al				
	6,553,961	4-29-03	Hammoud et al				
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EXAMINER	 ROGER PANG PRIMARY EXAMINER			DATE CONSIDERED 11/22/05			

SHEET 1 OF 2

FORM PTO-1449			DOCKET NUMBER 81100255		APPLICATION NUMBER 10/805,635	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			APPLICANT(S) Lewis et al.			
			FILING DATE March 19, 2004		GROUP ART UNIT	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	10/805,615	3-19-2004	Michelini et al.			
	10/805,626	3-19-2004	Gibson et al.			
	10/805,644	3-19-2004	Winstead et al.			
	10/805,612	3-19-2004	Lewis et al.			
	10/805,606	3-19-2004	Lewis et al.			
	10/805,638	3-19-2004	Lewis et al.			
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	10/805,613	3-19-2004	Lewis			
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	10/805,651	3-19-2004	Lewis et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER ROGER PANG PRIMARY EXAMINER			DATE CONSIDERED 11-22-05			

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER 81100255		APPLICATION NUMBER 10/805,635		
		APPLICANT(S) Lewis et al.				
		FILING DATE March 19, 2004		GROUP ART UNIT		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
<i>PA</i>	10/805,645	3-19-2004	Lewis et al.	<i>1</i>	<i>1</i>	
<i>1</i>	10/805,648	3-19-2004	Lewis et al.	<i>1</i>	<i>1</i>	
<i>1</i>	10/805,654	3-19-2004	Lewis et al.	<i>1</i>	<i>1</i>	
<i>1</i>	10/805,642	3-19-2004	Lewis et al.	<i>1</i>	<i>1</i>	
<i>1</i>	10/805,607	3-19-2004	Lewis et al.	<i>1</i>	<i>1</i>	
<i>1</i>	10/805,573	3-19-2004	Lewis et al.	<i>1</i>	<i>1</i>	
FOREIGN PATENT DOCUMENTS						
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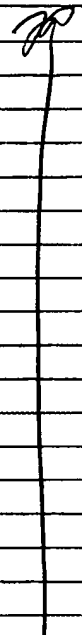
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 5**Complete if Known**

Application Number	10/805,635
Filing Date	March 19, 2004
First Named Inventor	Donald J. Lewis
Art Unit	3681
Examiner Name	
Attorney Docket Number	81100255

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6178934	01-30-2001	Hirasawa et al.	
		US- 6192857	02-27-2001	Shimada	
		US- 6202608	03-20-2001	Yamaki et al.	
		US- 6216652	04-17-2001	Gramann et al.	
		US- 6332445	12-25-2001	Voss et al.	
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		US- 6363907	04-02-2002	Arai et al.	
		US- 6367437	04-09-2002	Nakamura et al.	
		US- 6374783	04-23-2002	Toriumi	
		US- 6382193	05-07-2002	Boyer et al.	
		US- 6389806	05-21-2002	Glugla et al.	
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		US- 6397813	06-04-2002	Han et al.	
		US- 6401684	06-11-2002	Hori et al.	
		US- 6415601	07-09-2002	Glugla et al.	
		US- 6422185	07-23-2002	Duesmann et al.	
		US- 6460500	10-08-2002	Ooyama et al.	
		US- 6505113	01-07-2003	Eichenseher et al.	
		US- 6526745	03-04-2003	Ogiso	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature**ROGER PANG**
PRIMARY EXAMINERDate
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	3	of	5
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Complete if Known

Application Number	10/805,635
Filing Date	March 19, 2004
First Named Inventor	Donald J. Lewis
Art Unit	3681
Examiner Name	
Attorney Docket Number	81100255

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
MM		US- 6546910	04-15-2003	Tanaka et al.	
		US- 6550240	04-22-2003	Kolmanovsky et al.	
		US- 6553961	04-29-2003	Hammoud et al.	
		US- 6619245	09-16-2003	Fujiwara et al.	
		US- 6637386	10-28-2003	Murata et al.	
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		US- 6763707	07-20-2004	Kumagai et al.	
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		US- 2002/0157630	10-31-2002	Gerhard et al.	
		US- 2003/0051465	03-20-2003	Kolmanovsky et al.	
		US- 2003/0106515	06-12-2003	Kondo	
		US- 2004/0083719	05-06-2004	Xu et al.	
		US- 2004/0103867	06-03-2004	Hayase et al.	

FOREIGN PATENT DOCUMENTS

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Application Number	10/805,635
Filing Date	March 19, 2004
First Named Inventor	Donald J. Lewis
Art Unit	3681
Examiner Name	
Attorney Docket Number	81100255

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